

## **Halftone Watermarking and Related Applications**

### ***Abstract of the Disclosure***

Digital watermark embedding is incorporated into processes for generating halftone images. In a halftone process using a halftone screen, the halftone screen is used  
5 to determine the geometric distortion of an image. After determining the geometric distortion, a watermark decoder compensates for this distortion and retrieves an embedded digital watermark.